## PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION P-2004PCT-11 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/JP2004/019061 21.12.2004 07.01.2004 International Patent Classification (IPC) or both national classification and IPC Applicant SENJU METAL INDUSTRY CO., LTD This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Name and mailing address of the ISA/JP Authorized officer Facsimile No. Telephone No.

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/019061

Box	No. I	Basis of this opinion	
1.		regard to the language, this opinio unless otherwise indicated under t	on has been established on the basis of the international application in the language in which it was his item.
		This opinion has been established	on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under
		Rule 12.3 and 23.1(b)).	
2.		regard to any nucleotide and/or ation, this opinion has been establis	amino acid sequence disclosed in the international application and necessary to the claimed had on the basis of:
	a.	type of material	
		a sequence listing	
		table(s) related to the sequer	nce listing
	b.	format of material	
		in written format	
		in computer readable form	
	c.	time of filing/furnishing	•
		contained in the international	al application as filed.
		filed together with the interr	national application in computer readable form.
		furnished subsequently to th	is Authority for the purposes of search.
3.		furnished, the required statements	e than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or that the information in the subsequent or additional copies is identical to that in the application as plication as filed, as appropriate, were furnished.
4.	Addi	tional comments:	
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## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/019061

Box	No. IV Lack of unity of invention	
1.	In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has:	
	paid additional fees	
	paid additional fees under protest	
	not paid additional fees	
2.	This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to additional fees.	o pay
3.	This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is	
	complied with	
	not complied with for the following reasons:	
	The inventions relating to claims 1-4 relate to a reflow furnace capable of performing rapid heating up to a high temperature in a main heating zone, and in orde to maintain balance of the amount of hot-air blown from a preliminary heating zone a main heating zone and to stabilize the oxygen concentration, having the total area of blowing holes per unit area of a hole plate of a hot-air blowing-type heater installed in main heating zone is 1.5 to 5 times larger than that of blowing holes per unit area of a hole plate of a hot-air blowing-type heater installed in a preliminary heating zone.  The inventions relating to claims 5-6 relate to a hot-air blowing-type heater configured such that in order to have hot-air uniformly blown from all of the holes, blowing sections have larger area than that of the sucking section, and there is provide on top of the blowing sections a hole plate in which a number of blowing holes are created.	nd na
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4.	Consequently, this opinion has been established in respect of the following parts of the international application:	
<b>-7</b> .	all parts	
	the parts relating to claims Nos.	_

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/019061

ox No. V Reasoned statement citations and expla	inder Rule 43bis.1(a)(i) with regard to nove tions supporting such statement	elty, inventive step or industrial applicability	;
Statement			
Novelty (N)	Claims 1-6	·	YE
	Claims		_ мо
Inventive step (IS)			YE
	Claims	· · · · · · · · · · · · · · · · · · ·	NO
Industrial applicability (IA)			YE
	Claims	· · · · ·	_ NO
Citations and explanations:			
	ey be obvious to a party skilled	scribed in any of the documents d in the art.	CHEG
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